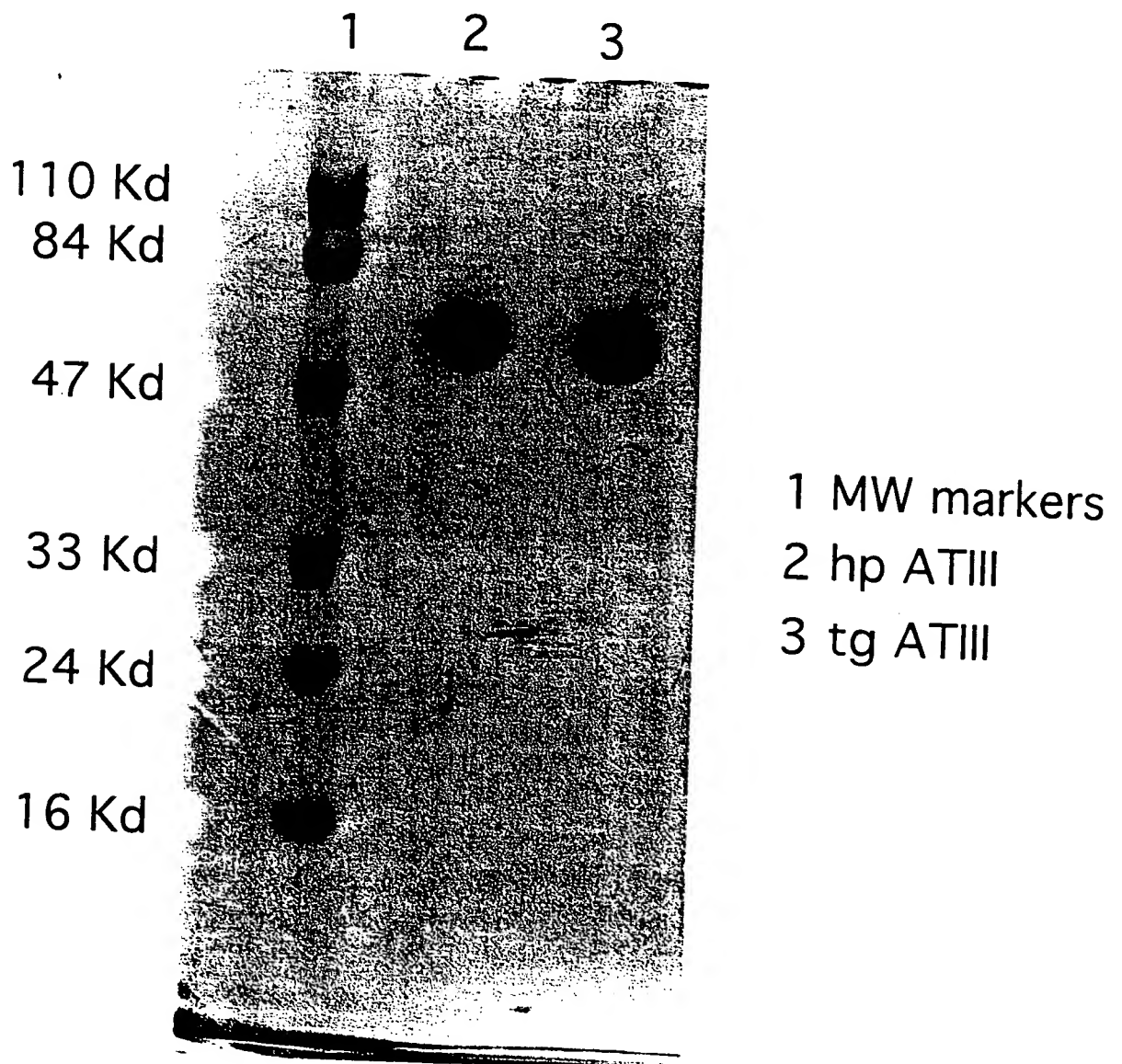


Figure 1

20230303

Fig 1

FIG.2



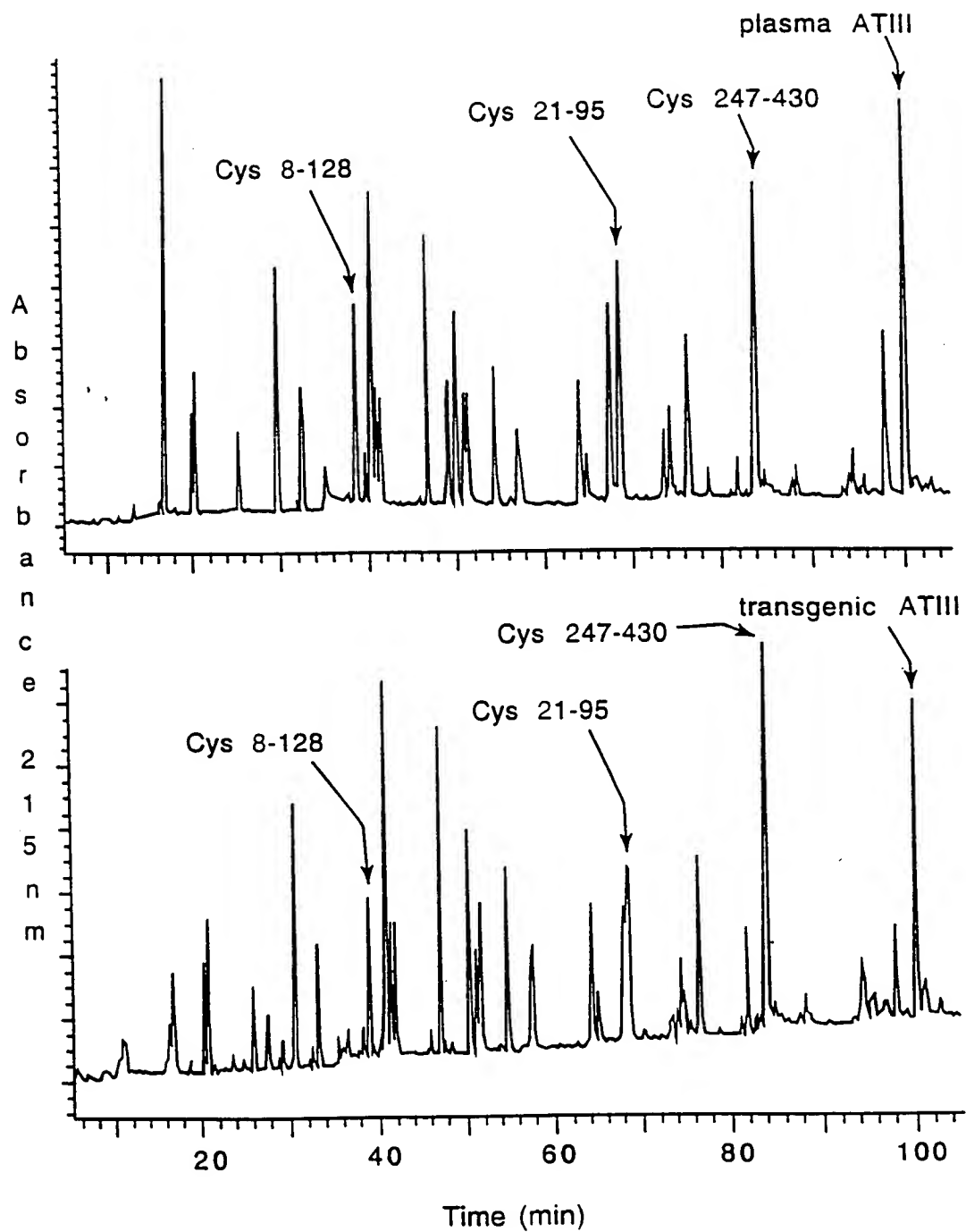


Figure 3.

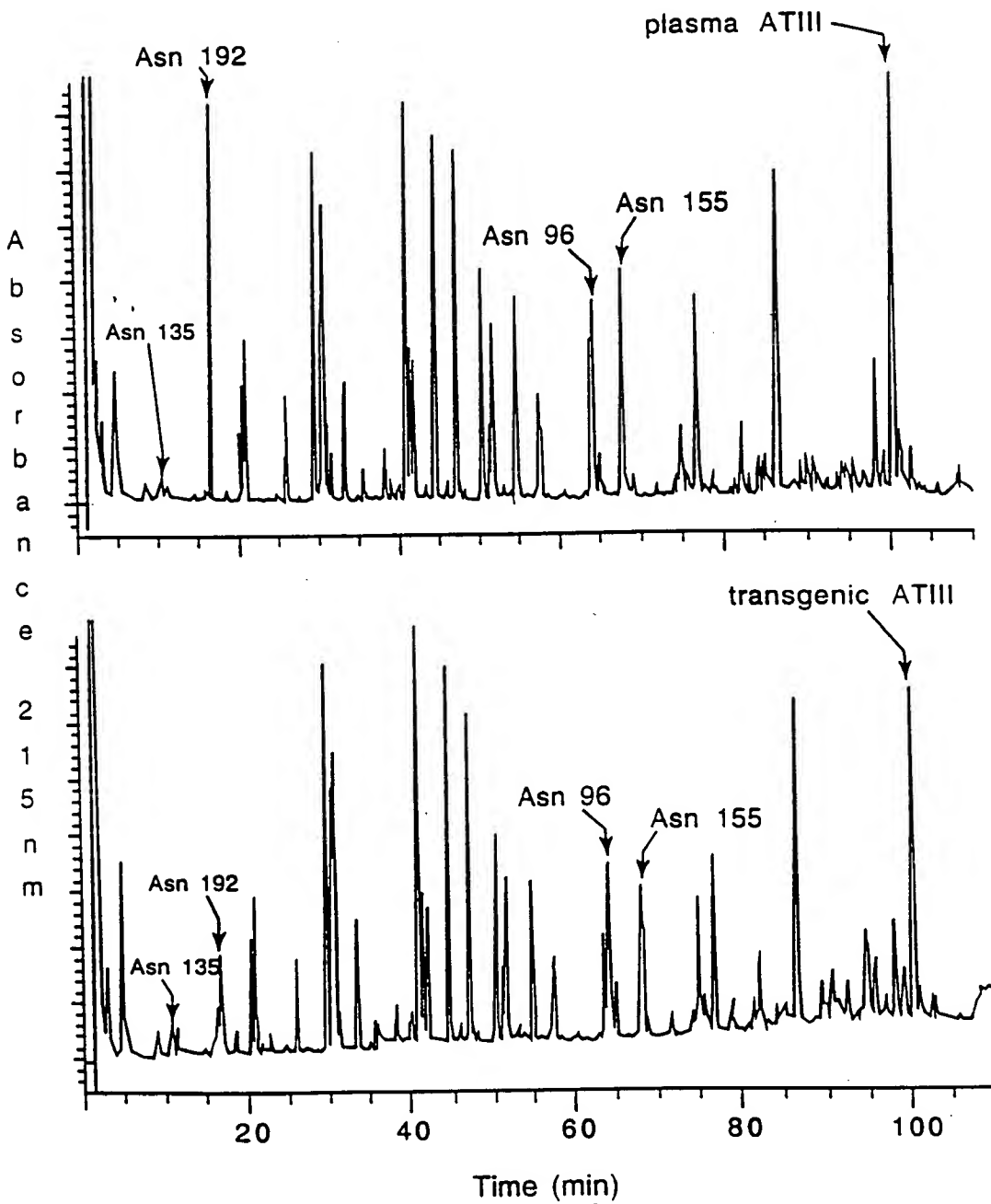


Figure 4~

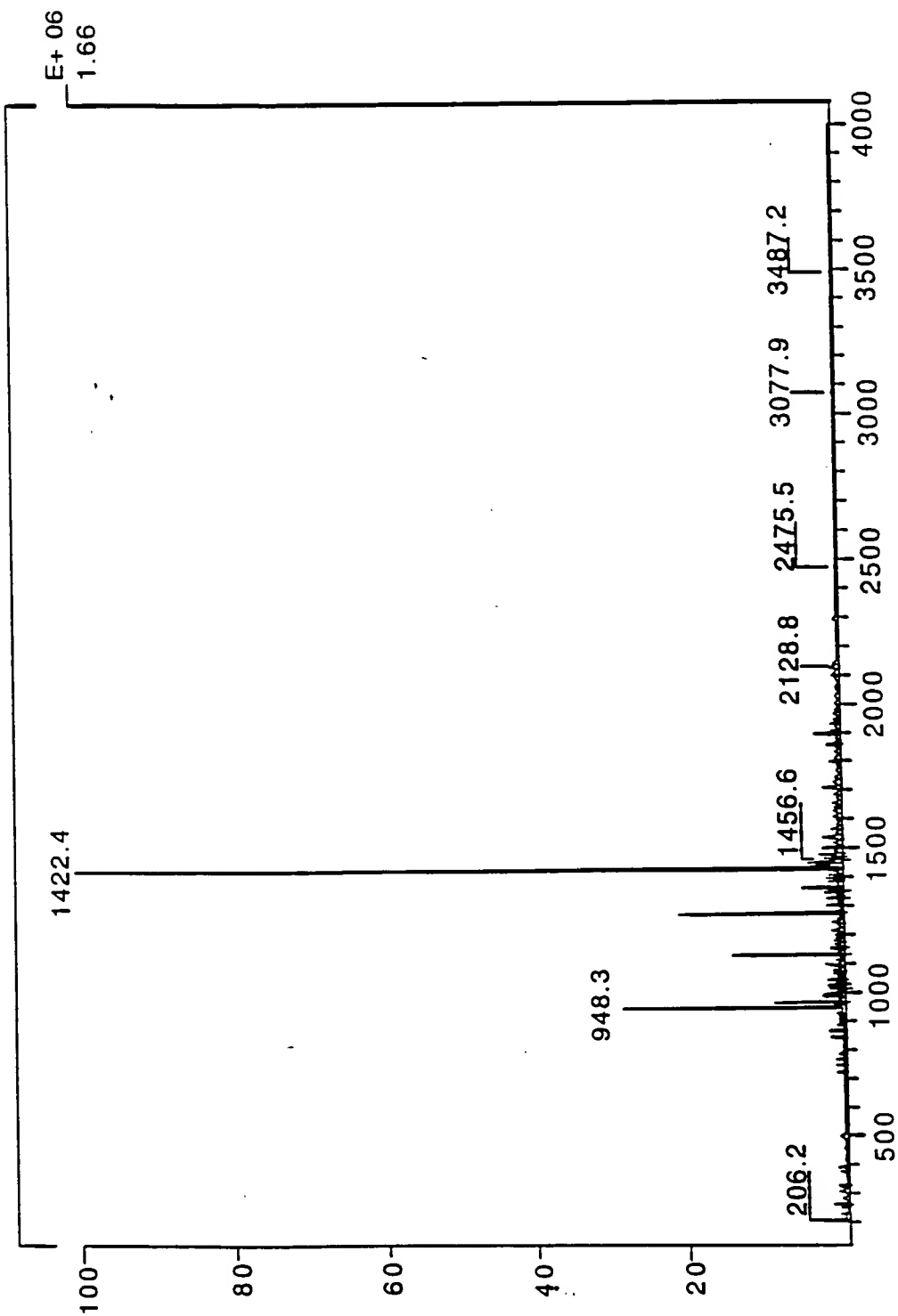


Figure 5

Energy level diagram for ^{124}Sb . The y-axis represents energy in MeV, ranging from 0 to 1.28. The x-axis represents the spin/parity of the states, ranging from 0 to 40. The diagram shows experimental data points (dots) and theoretical calculations (lines). Key energy levels are labeled with their values in MeV.

Energy (MeV)	Spin/Parity
1346.9	0 ⁺
1494.6	2 ⁺
1266.6	2 ⁺
1521.6	4 ⁺
1615.8	4 ⁺
1874.8	4 ⁺
2353.0	6 ⁺
3202.6	6 ⁺
3937.7	6 ⁺
266.0	0 ⁺
391.7	0 ⁺
1047.8	2 ⁺
1172.5	2 ⁺

Figure 6

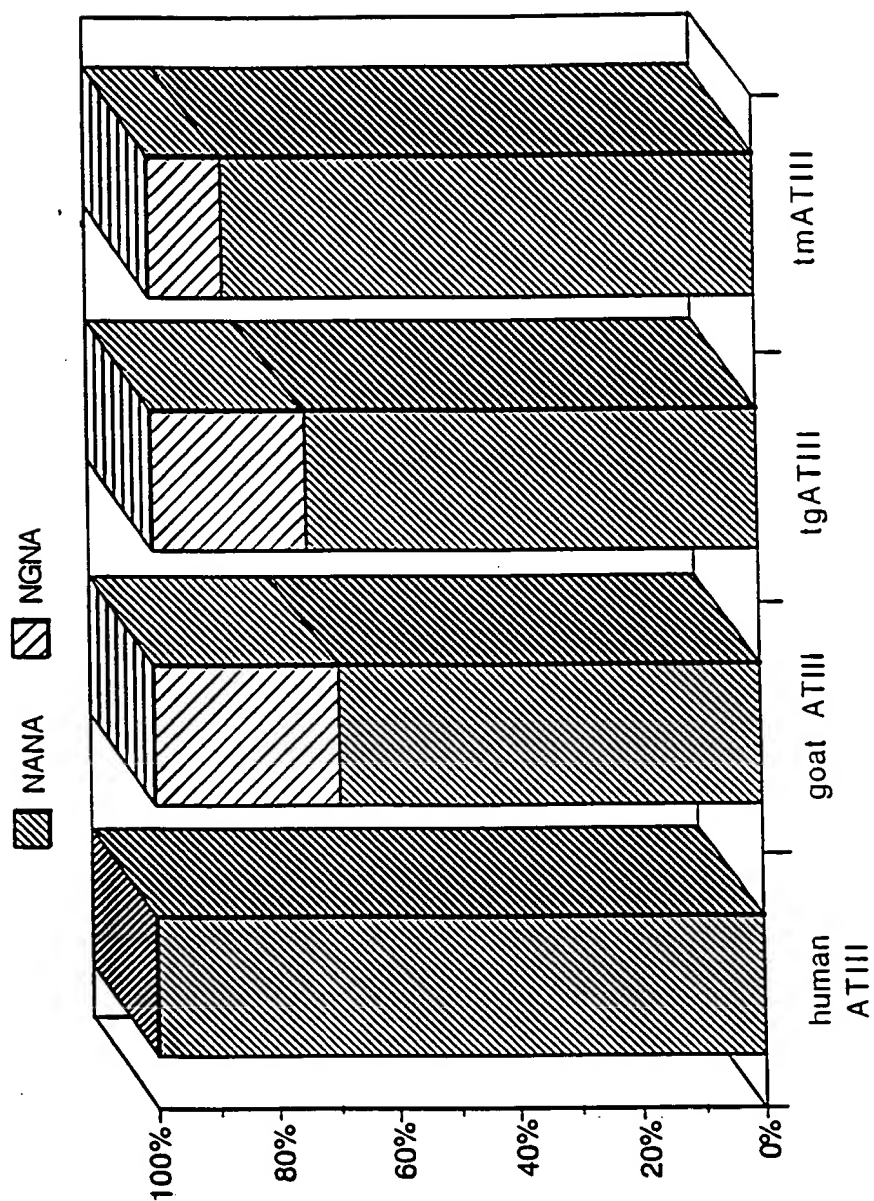


Figure 7

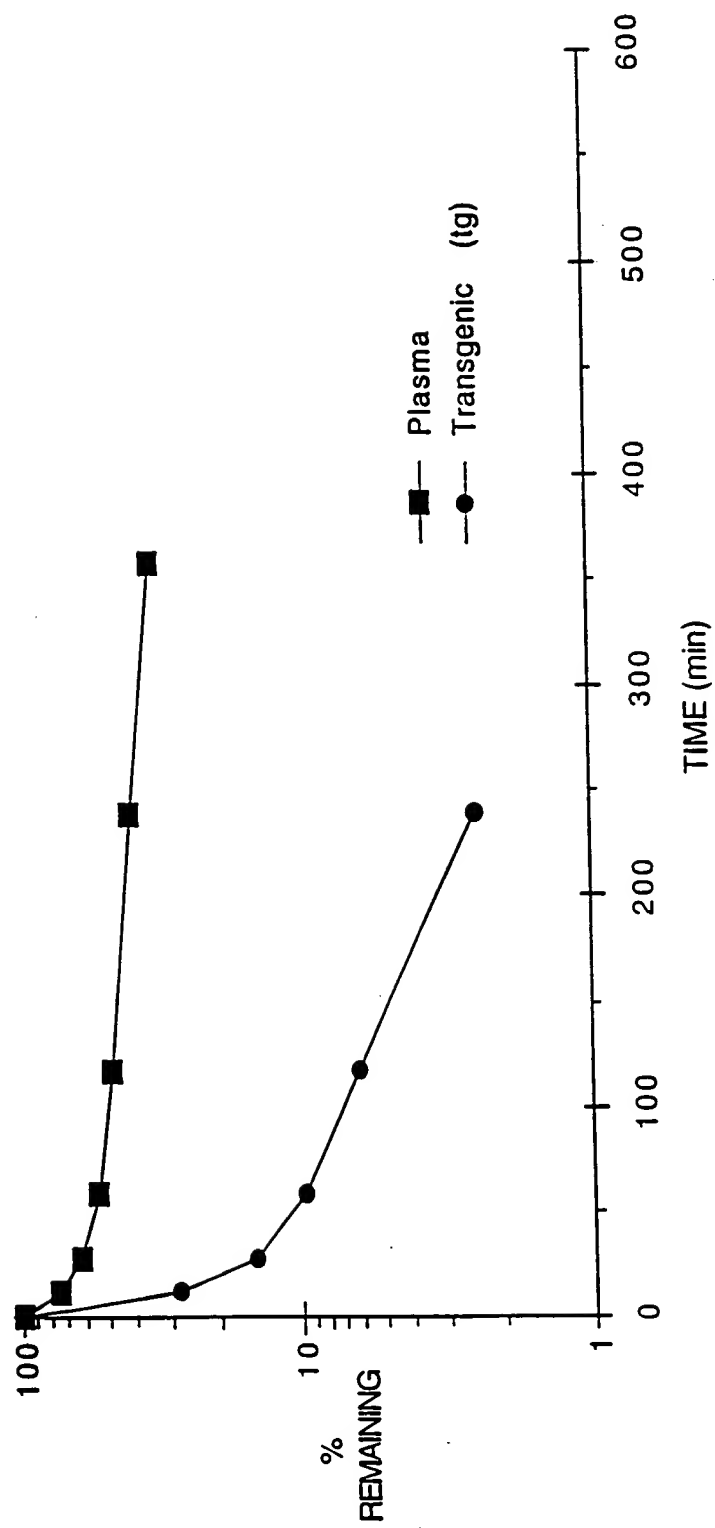


Figure 8

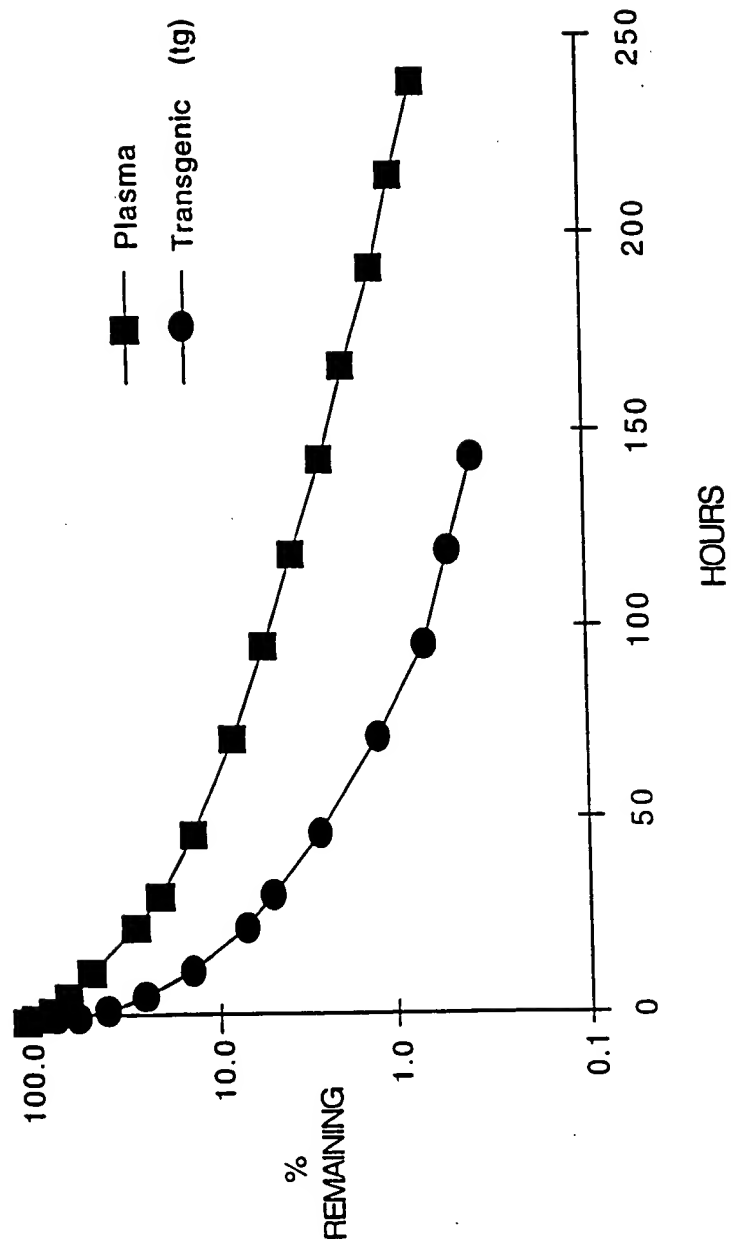


Figure 9

Sequence Listing

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**** M K V L I L A C L V A L A I A R 16
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E 17
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Figure 10 a

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D E L Q D K I H P F A Q A Q	71
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S L V Y P F T G P I P N S L P Q N I L P	91
CTCTTACTCAAACCCCTGTGGTGGTGCCGCCCTTTCCCTCAGCCTGAAATAATGGGAGTCC	2077
L T Q T P V V V P P F L Q P E I M G V P	111
CCAAAGTGAAGGAGACTATGGTTCCTAAGCACAAAGAAATGCCCTTCCCTAAATATCCAG	2137
K V K' E T M V P K H K E M P F P K Y P V	131
TTGAGCCCTTTACTGAAAGCCAGAGCCTGACTCTCACTGATGTTGAAAAGCTGCACCTTC	2197
E P F T E S Q S L T L T D V E K L H L P	151
CTCTGCCTCTGGTCCAGTCTTGGATGCACCAGCCTCCCCAGCCTCTTTCTCCAACCGTCA	2257
L P L V Q S W M H Q P P Q P L S P T V M	171
TGTTTCCTCCTCAGTCCGTGCTGTCCCTTTCTCAGCCCAAAGTTCTGCCTGTTCCCCAGA	2317
F P P Q S V L S L S Q P K V L P V P Q K	191
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A V P Q R D M P I Q A F L L Y Q E P V L	211
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G P V R G P F P I L	221
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V *	222
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ctgtggaaaa	3287

Figure 10 б